

## POLYMERIZED WAX CANDLES

### ABSTRACT

A candle made with a wax base and a synthetic thermoplastic rubber copolymer. The wax base may be prepared from a variety of sources including petroleum sources, animal sources, vegetable sources, synthetic sources, and blends thereof. The synthetic thermoplastic rubber copolymer may be a diblock, triblock, radial block, multiblock copolymers, and blends thereof. In addition to the wax base and the synthetic thermoplastic rubber copolymer, candles made according to the invention can also include stabilizers, fragrances, dyes as well as other standard candle additives. Moreover, candles produced according to the invention have several cost saving advantages. The addition of the synthetic thermoplastic rubber copolymer allows for the production of high quality candles while utilizing less expensive wax bases. Additionally, disclosed candles decrease processing times and percent defects.